PATENT COOPERATION TREATY

510

PCT

Q'D	.1	4	OCT	2004
WIPC				PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	FOR FURTHER ACTION		on of Transmittal of International
PCT 21077Y			xamination Report (Form PCT/IPEA/416)
International application No.	International filing date (day/mo	onth/year)	Priority date (day/month/year)
PCT/US03/12457	08 April 2003 (08.04.2003)		12 April 2002 (12.04.2002)
International Patent Classification (IPC)	or national classification and IPC		
IPC(7): A61K 31/4995; C07D 487/08. a	and US Cl.: 514/250; 540/477.		
Applicant			
MERCK & CO., INC.			
This international preliming Examining Authority and	nary examination report has be is transmitted to the applicant	en prepared by according to Ar	this International Preliminary
, 2. This REPORT consists of	f a total of 3 sheets, including	g this cover she	et.
which have been ame	ended and are the basis for this to see Rule 70.16 and Section 6	report and/or	description, claims and/or drawings sheets containing rectifications made inistrative Instructions under the PCT).
2 This report contains indic	otions relating to the following	itomas	
3This-report-contains-indic	anons-retaing-to-me-tonowing	items:	
I Basis of the rep	port		
II Priority			
III Non-establishm	ent of report with regard to no	velty, inventive	e step and industrial applicability
IV Lack of unity o	_	• •	
V Reasoned states	ment under Article 35(2) with a	-	
l — — -	itations and explanations suppo	rting such state	ment
VI Certain docume	ents cited		
VII Certain defects	in the international application	ı	
VIII Certain observa	ations on the international appli	ication	
Date of submission of the demand	Date	e of completion	of this report
23 June 2003 (23.06.2003)		anuary 2004 (25.	
Name and mailing address of the IPEA/	US		N/A
Mail Stop PCT, Attn: IPEA/US	Autt	norized officer	XIII All All A
Commissioner for Patents P.O. Box 1450		ily Bernhardt	Tellocallys
Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Tele	phone No. (703)	308-1235
Form PCT/IPEA/409 (cover sheet)(July :			/J)
	•		1 /

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.	
PCT/US03/12457	

I.	Basis of the report
1.	With regard to the elements of the international application:*
	the international application as originally filed.
	the description:
	pages 1-68 as originally filed
	pages NONE, filed with the demand
	pages NONE , filed with the letter of
	the claims:
	pages 69-77 , as originally filed
	pages NONE , as amended (together with any statement) under Article 19
	pages NONE , filed with the demand pages NONE , filed with the letter of .
	the drawings:
	pages NONE, as originally filed pages NONE, filed with the demand
	pages NONE , filed with the letter of .
	the sequence listing part of the description:
	pages NONE, as originally filed
	pages NONE , filed with the demand
	pages NONE , filed with the letter of
2.	With regard to the language, all the elements marked above were available or furnished to this Authority in the
	language in which the international application was filed, unless otherwise indicated under this item.
	These elements were available or furnished to this Authority in the following language which is:
	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
	the language of publication of the international application (under Rule 48.3(b)).
-	- the language of the translation furnished for the purposes of international preliminary examination (under-Rules-55,2 and/or 55,3).
3.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the
	international preliminary examination was carried out on the basis of the sequence listing:
	contained in the international application in printed form.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority in written form.
	furnished subsequently to this Authority in computer readable form.
	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the
	international application as filed has been furnished.
	The statement that the information recorded in computer readable form is identical to the written sequence listing
	has been furnished.
4.	The amendments have resulted in the cancellation of:
	the description, pages NONE
	the claims, Nos. NONE
	the drawings, sheets/fig NONE
5.	
٠.	beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
	Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in
	is report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17). Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.
	and the manufacture and the manufacture and the manufacture and the second and the manufacture and the second a

Form PCT/IPEA/409 (Box I) (July 1998)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/US03/12457

STATEMENT			
Novelty (N)	Claims	1-20	YES
10.023	Claims		NO
Inventive Step (IS)	Claims	1-20	YE
	Claims	NONE	NO
Industrial Applicability (IA)	Claims	1-20	YE
	Claims		NO NO
	Ciamis	HOND	
nhibitory activity at one or more kinase recepto			
· · · · · · · · · · · · · · ·	·		
			- ·
	·	· · · - · · · · · · · · · · · · · ·	- ·
		· · · · · · · · · · · · · · · · · · ·	
·	·	·	·- ·- ·- ·
	·	· · · · · · · · · · · · · · · · · · · ·	
· · · · · · · · · · · · · · · ·	· <u>·</u>	· · · · · · · · · · · · · · · · · · ·	
	· <u>·</u>	· ·	
	· <u>·</u>		
,			
		,	

Form PCT/IPEA/409 (Box V) (July 1998)